

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A spring-supported crankshaft coupling structure used in an engine and coupled between a piston and a crankshaft to enhance the output torque of the engine, comprising:

a connector mounted in said piston and axially movable relative to said piston, said connector being coupled to said piston within a limited distance;

a slip joint adapted to couple said connector to said piston;

a spring member mounted inside said piston and adapted to impart a pressure to said connector in axial direction toward a bottom side of said piston, said connector having a round top head connected to a bottom side of said spring member;

a fixed stop device fixedly ~~provided~~ disposed in said piston and adapted to limit the movement of said connector relative to said piston to a predetermined distance, said connector including a circular stop flange, which is stopped below said spring member above said fixed stop device and adapted to stop at said fixed stop device upon a down stroke of said connector relative to said piston, said

connector further including two shoulders symmetrically bilaterally suspended
below said circular stop flange and coupled to said piston by said slip joint; and

a connecting rod, said connecting rod having a top end pivoted to said
connector and a bottom end pivoted to said crankshaft.

2. (Original) The spring-supported crankshaft coupling structure as
claimed in claim 1, wherein said spring member is a compression spring.

3. (Cancelled).